

From: [Coltrain, Katrina](#)
To: [Kady, Thomas](#)
Subject: RE: Wilcox QAPP
Date: Monday, November 02, 2015 11:58:00 AM

Hey Tom, please see listed below some comments on the QAPP.

1. Please change the title to Wilcox Oil Company Superfund Site. This is the name of the site that should be used throughout.
2. Please revise my name: Katrina Higgins-Coltrain.
3. Worksheet #2: The site ID is: EPA ID# OK0001010917.
4. Worksheet #4: I do not think that I need to sign-off on this since the ERT team is the lead. In addition, my last name is incorrect.
5. Worksheet #5: Should the RPM box be 'at the top' rather than in line with the ERT WAM? The lines of communication end with ERT WAM. In addition, my name is incorrect.
6. Worksheet #10, Problem Addressed:
 - a. Replace sentence 8 with the following text---- There are 7 residential properties on the Site. Two properties are located within the former process areas while the remaining 5 are located within the tank storage areas.
 - b. Replace sentences 9 and 10 with the following text--- The refinery waste source areas of concern include a backfilled oily waste pond and pit, a breached settling pond, a former pond apparently backfilled with solid refinery waste, and a number of former tank storage areas. The contaminants of concern are metals and organic compounds (Total Petroleum Hydrocarbons (TPH) and Polycyclic Aromatic Hydrocarbons (PAHs)). These potential contaminants of concern are found in soil, sediment, and waste material.
 - c. Classes of contaminants: Tetra-ethyl lead is listed, but. I do not think teLead is a contaminant based on the article summarizing Wilcox's updated facility. I think the lead is a by-product of the gasoline sweetening process that used sodium plumbite.
 - d. How 'good' data need to be: XRF devices provide data that has been accepted as definitive data rather than screening. I assume that since it is listed as screening data, additional steps will not be taken to 'confirm/verify' the devices accuracy. In addition, what will be screened by the XRF, all metals, specific metals? In addition, when XRF and MultiRAE data are collected, the depth interval associated with the sample location should be noted.
 - e. How will data be report: please include a description of how the XRF data, MultiRAE VOC data, and geoprobe core logs (if these will be taken) for lithology and GW will be incorporated into the final report.
7. Worksheet #17:
 - a. What will be screened by the XRF, all metals, specific metals?
 - b. In addition, when XRF, ORO/DRO/GRO, MultiRAE, etc, data are collected from the cores, the depth interval associated with the sample location should be noted.
 - c. During the field work, should the number of GW wells installed be limited because the 'screening' did not indicate the potential for elevated contaminants, then consideration should be given to installing these wells so that GW flow can be determined and general GW samples collected.



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Typos:

1. Worksheet #9, bullet 3; bullet 10 sub-bullet 4/5

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From: Kady, Thomas
Sent: Friday, October 30, 2015 10:39 AM
To: Coltrain, Katrina
Cc: Dymment, Stephen; Jefferson, Matthew; Lynch, Kira; Prince, George
Subject: Fwd: Wilcox QAPP

Katrina - Here's the QAPP as it stands now. See Jon's email below for what will be coming next week. I just got it and have not looked at it. I'm sending it out to the larger group for comments. I saw you called and will call back soon.

Tom
Sent from my iPhone

Begin forwarded message:

From: "McBurney, Jonathan D" <jonathan.d.mcburney@lmco.com>
Date: October 30, 2015 at 11:22:05 AM EDT
To: "Kady, Thomas (Kady.Thomas@epa.gov)" <Kady.Thomas@epa.gov>, "Prince, George (Prince.George@epa.gov)" <Prince.George@epa.gov>
Cc: "Leuser, Richard M" <richard.m.leuser@lmco.com>
Subject: Wilcox QAPP

Tom,

Here is the QAPP in its current state. Basically it is missing the analytical details which we are still putting all together in the proper format. The "Text" is pretty much complete. Please read closely, as this is my current understanding of the project, and if I'm missing something...

Thanks,

Jon McBurney
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